

Title (en)
IMPROVEMENTS RELATING TO FACE MASKS

Title (de)
VERBESSERUNGEN AN GESICHTSMASKEN

Title (fr)
AMÉLIORATIONS APPORTÉES À DES MASQUES FACIAUX

Publication
EP 4259291 A1 20231018 (EN)

Application
EP 21839350 A 20211209

Priority
• GB 202019406 A 20201209
• GB 202110291 A 20210716
• EP 2021085087 W 20211209

Abstract (en)
[origin: WO2022122976A1] Face masks, including filter masks, and methods for their production. The disclosed methods include using an overmoulding step to both form a sealing member and to fix the sealing member to a support frame and a sheet of filtering material.

IPC 8 full level
A62B 23/02 (2006.01); **A41D 13/11** (2006.01); **B29C 45/14** (2006.01); **B29C 45/17** (2006.01)

CPC (source: EP GB US)
A41D 13/1146 (2013.01 - GB); **A41D 13/1161** (2013.01 - EP GB); **A41D 13/1176** (2013.01 - US); **A61M 16/0616** (2014.02 - US); **A62B 7/10** (2013.01 - US); **A62B 9/00** (2013.01 - US); **A62B 18/025** (2013.01 - EP US); **A62B 18/08** (2013.01 - EP US); **A62B 23/025** (2013.01 - EP US); **B29C 44/12** (2013.01 - US); **B29C 45/14336** (2013.01 - EP US); **B29C 45/14377** (2013.01 - US); **B29C 45/14467** (2013.01 - EP); **B29C 45/14786** (2013.01 - EP US); **B29C 45/1704** (2013.01 - EP US); **B29C 45/401** (2013.01 - US); **B29C 45/42** (2013.01 - US); **A41D 13/1146** (2013.01 - US); **B29C 45/14377** (2013.01 - EP); **B29C 2045/14459** (2013.01 - EP US); **B29C 2045/1722** (2013.01 - EP); **B29C 2045/1725** (2013.01 - EP US); **B29K 2021/003** (2013.01 - EP); **B29K 2105/0011** (2013.01 - US); **B29K 2105/04** (2013.01 - EP); **B29K 2105/043** (2013.01 - EP); **B29K 2105/048** (2013.01 - US); **B29L 2012/00** (2013.01 - EP); **B29L 2022/00** (2013.01 - EP); **B29L 2031/14** (2013.01 - EP US); **B29L 2031/26** (2013.01 - EP US); **B29L 2031/4835** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022122976 A1 20220616; AU 2021393989 A1 20230629; AU 2021394050 A1 20230629; AU 2021394050 A9 20240919; AU 2021398536 A1 20230629; AU 2021398536 A9 20241010; EP 4258923 A1 20231018; EP 4258924 A1 20231018; EP 4259290 A1 20231018; EP 4259291 A1 20231018; GB 202117793 D0 20220126; GB 2603285 A 20220803; JP 2023552584 A 20231218; JP 2023553430 A 20231221; JP 2023553431 A 20231221; US 2024023649 A1 20240125; US 2024025096 A1 20240125; US 2024032627 A1 20240201; US 2024033544 A1 20240201; WO 2022122915 A1 20220616; WO 2022122967 A1 20220616; WO 2022122974 A1 20220616; WO 2022122974 A9 20230907

DOCDB simple family (application)
EP 2021085087 W 20211209; AU 2021393989 A 20211209; AU 2021394050 A 20211209; AU 2021398536 A 20211209; EP 2021084988 W 20211209; EP 2021085070 W 20211209; EP 2021085080 W 20211209; EP 21839044 A 20211209; EP 21839348 A 20211209; EP 21839349 A 20211209; EP 21839350 A 20211209; GB 202117793 A 20211209; JP 2023535075 A 20211209; JP 2023535077 A 20211209; JP 2023535082 A 20211209; US 202118256566 A 20211209; US 202118256657 A 20211209; US 202118256662 A 20211209; US 202118256737 A 20211209